

**Effects on Commercial and Recreational Use of Water:**

There are no social and economic benefits lost as a result of the construction of the Minimal Degradation Alternative. The impacted stream segments are located on property owned and controlled by American Energy Corporation.

**Effects on Recreation, Tourism, Aesthetics or Other Human use and Enjoyment:**

There will be no effects on recreation, tourism, aesthetics or other human use and enjoyment as a result of the construction of the Minimal Degradation Alternative. The impacted stream segments are located on property owned and controlled by American Energy Corporation.

**NON-DEGRADATION ALTERNATIVE**

**Effects on Social and Economic Benefits Lost:**

There are no social and economic benefits lost as a result of the implementation of the Non-degradation Alternative.

**Effects on Commercial and Recreational Use of Water:**

There are no effects on commercial and recreational use of the water resource as a result of the implementation of the Non-degradation Alternative.

**Effects on Recreation, Tourism, Aesthetics or Other Human use and Enjoyment:**

There will be no effects on recreation, tourism, aesthetics or other human use and enjoyment as a result of the implementation of the Non-degradation Alternative.

**10J.** *Describe environmental benefits, including water quality, lost and gained as a result of this project. Include the effects on the aquatic life, wildlife, threatened or endangered species. (OAC) 3745-1-05 (B)(2)(e, f), (OAC) 3745-1-05 (C)(6)(b) and (OAC) 3745-1-54).*

**PREFERRED ALTERNATIVE**

**Effects on Aquatic Life:**

Aquatic life benefits will be lost within the impacted stream segments as a result of the construction of the Preferred Alternative.

**Effects on Wildlife:**

Wildlife benefits will temporarily be lost with the removal of the forested upland and riparian corridor for the short term but upon completion of the project the area will gain a grassland/prairie habitat. Specific seed plantings are being planned in cooperation with the Ohio Department of Natural Resources. The grass plantings will provide long-term wildlife habitat. Wildlife benefits gained as a result of the Preferred Alternative are the pond constructed within the lower reaches of the watershed.

**Effects on Threatened or Endangered Species:**

There are no benefits lost or gained as a result of the construction of the Preferred Alternative for threatened or endangered species.